

ACC NR: AT6036415

(A)

SOURCE CODE: UR/2536/00/000/000/0063/0075

AUTHOR: Kolachev, B. A. (Candidate of technical sciences); Shevchenko, V. V. (Engineer)

ORG: none

TITLE: Growth kinetics of β -grain in industrial titanium alloys

SOURCE: Moscow. Aviatsionnyy tekhnologicheskiy institut. Trudy, no. 66, 1966. Struktura i svoystva aviatsionnykh stalei i splavov (Structure and properties of aircraft steels and alloys), 63-75

TOPIC TAGS: ^{METAL PRESSING,} titanium alloy, grain growth, phase composition, metalworking / VT5 Ti alloy, VT5-1 Ti alloy, VT3-1 Ti alloy, VT-6 Ti alloy, VT8 Ti alloy

ABSTRACT: The kinetics of grain growth in the β -region determines the optimal temperature and heating time of press worked titanium alloys and hence it is an important consideration. When pressworked at temperatures corresponding to the β -region these alloys are more easy to process technologically and are more readily forged, since the β -phase with its cubic structure displays greater plasticity than the α -phase and there is no marked anisotropy of properties as is the case for forging at temperatures corresponding to the $(\alpha + \beta)$ region. So far,

Card 1/2

UDC: 669.017:669.295

ACC NR: AT6036415

however, Ti alloys have not been pressworked at temperatures corresponding to the β -region owing to the decrease in their plasticity, which is attributed to the intense growth of grain in this region. In this connection, the authors investigated the kinetics of grain growth in the β -region for the Ti alloys VT5, VT5-1 (α -alloys) and VT3-1, VT-6, VT8 ($\alpha + \beta$ alloys) at 1000-1200°C for from 0.5 to 12 hr. Findings: β -grain at first grows at a fairly intense rate; as the annealing continues, however, this rate slows down. The growth of β -grain obeys a parabolic law of $D = kt^n$ (where D = mean grain diameter; k - constant dependent on temperature and material; t - annealing time; n - exponent dependent primarily on the material and, to a smaller degree, on temperature). The dependence of grain size on temperature for the investigated α and ($\alpha + \beta$) alloys may be separated into three temperature intervals within which grain grows differently: at 1000-1050°C the grain growth rate is insignificant, owing to the impeding effect of the impurities segregating at the grain boundaries; above 1050°C the effect of impurities disappears and the grain growth rate gets intensified; beginning with roughly 1100°C the grain growth rate decreases, probably because then the grains acquire more or less stable shape and size. Orig. art. has: 7 figures, 2 tables, 2 formulas.

SUB CODE: 13, 11 / SUBM DATE: none/ ORIG REF: 002

Card 2/2

ACC NR: AP7C00549

SOURCE CODE: UR/0293/66/004/006/0912/0922

AUTHORS: Lipskiy, Yu. N.; Pskovskiy, Yu. P.; Gurshteyn, A. A.; Shevchenko, V. V.; Pospergelis, M. M.

ORG: none

TITLE: Current problems of lunar surface morphology

SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 6, 1966, 912-922

TOPIC TAGS: moon, selenography, lunar crater, lunar probe, lunar satellite, lunar surface, lunar topography, morphology, astronomy, mars planet, mars probe

ABSTRACT: In this profusely illustrated article use is made of photographs taken by "Zond-3," "Luna-3," and the American satellites to analyze the surface features of the moon and to compare the moon with other celestial bodies. The surface of the moon is divided into continental and marine masses. These are described and classified according to their sizes, shapes, and locations, as are craters, mountain ranges, and radial fissures (see Fig. 1). Older hypotheses pertaining to the invisible lunar hemisphere are either sustained or disproved. Newly discovered depressions on the invisible hemisphere are discussed, and their origin is hypothetically explained. The impact theory pertaining to the formation of the lunar relief is criticized on the basis of the regularity in the location and distribution of many features. The analogy between the lunar and the Martian surfaces is analyzed and explained with the

Card 1/3

UDC: 523.34

ACC NR: AP7000549

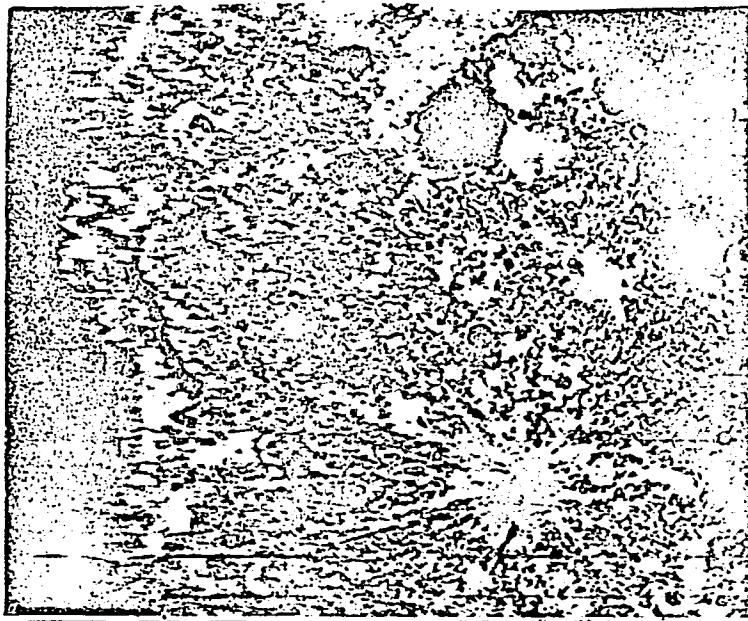


Fig. 1. Continental region between Oceanus Procellarum and Mare Orientale. Bright crater with a radial system in the lower right of the photograph is Birgium A. This illustration represents a rectification of a photograph taken from the earth and shown by J. Franz (Der Mond, 2 Auflage, Leipzig, 1912)

Card 2/3

ACC NR: AP7000549

help of photographs taken by "Mariner-4," and the problems of lunar morphology to be attacked in the future are suggested. The authors thank L. N. Bondarenko, Zh. F. Rodionova, and V. V. Novikov, co-workers at the Division of Lunar and Planetary Physics of the State Astronomical Institute im. P. K. Shternberg (Otdel fiziki Luny i planet Gosudarstvennogo astronomiceskogo instituta), for their help. Orig. art. has: 8 photographs, 2 charts, and 1 table.

SUB CODE: 03/ SUBM DATE: 07Jul66/ ORIG REF: 004/ OTH REF: 019

Card 3/3

SHEVCHENKO, V.V.

Regularity of the distribution of *Crepis capillaris* chromosome
breakage in different types of aberrations under the influence
of X-rays and ethylenimine. Radiobiologia 4 no.5:870-877 '64.
(MIRA 18:7)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

ROZENFEL'D, V.Ye., prof., doktor tekhn. nauk; SHEVCHENKO, V.V., kand. tekhn. nauk; MAYBOGA, V.A., kand. tekhn. nauk; TIMONOV, Ye.V., inzh.; KRUSHINSKIY, G.A., inzh.

Electric power supply to passenger cars from the overhead contact system. Zhel. dor. transp. 47 no.9:64-68 S '65. (MIRA 18:9)

SHEVCHENKO, V.V., elektromekhanik

Changes in the circuit of the VIS line testing stand. Avt., telem.
i sviaz' 5 no.1:34 Ja '61. (MIRA 14:3)

1. Chernovitskaya distantsiya signalizatsii i svyazi L'vovskoy
dorogi.

(Railroads--Electric equipment)

ROZENFEL'D, V.Ye., prof., doktor tekhn.nauk; SHEVCHENKO, V.V., kand.tekhn.
nauk; MAYBOGA, V.A., kand.tekhn.nauk

Use of direct high voltage current for electric traction. Zhel.
dor.transp. 44 no.7:35-39 J1 '62. (MIRA 15:8)
(Electric railroads—Current supply)

Shevchenko V. V.
EXCERPTA MEDICA Sec 7 Vol 13/1 Pediatrics Jan 59

331. THE EFFECTIVENESS AND THE ORGANIZATION OF ANTI-TUBERCULOSIS RE-VACCINATION WITH BCG IN OLDER CHILDREN (Russian text) -
Shaganova S. Yu. and Shevchenko V. V. - TRUDY II SF.ZDA VRACH.-PEDIAT. USSR 1956 (II9-124)

Investigations carried out on a large group of children showed that the scarification method of re-vaccination with a dry concentrated BCG vaccine yields a high percentage of vaccinal allergy (93.1%). The duration of the allergy is nearly 2 yr. (70%) or more; this is evidenced by a positive Mantoux reaction; 18.6% of children had a positive Pirquet reaction. Observations carried on for 3 yr. on children aged 4-12 yr. who were re-vaccinated by scarification with dry concentrated BCG vaccine showed that the morbidity rate in pronounced forms of tb amounted to 0.17%, which is many times lower than the morbidity rate of similar cases which were not re-vaccinated (1.68%).

(S)

SHEVCHENKO, V.V.

Effect of strophanthin K on the electrocardiographic data of
patients with insufficient blood circulation. Vop. biol.
i kraev. med. no.4:416-421 '63. (MIRA 17:2)

ACCESSION NR: AP4003729

S/0293/63/001/002/0216/0220

AUTHOR: Shevchenko, V.V.

TITLE: Apparent motion of the earth on the lunar sky

SOURCE: Kosmicheskiye issledovaniya, v. 1, no. 2, 1963, 216-220

TOPIC TAGS: lunar sky, ecliptic lunar coordinate system, horizontal lunar coordinate system, celestial sphere, lunar orbit, optical libration, parallactic displacement, selenographic coordinate, topocentric longitude, selenocentric coordinate, anomalistic month, draconic month, astronomical almanac, ephemeris, astronomy

ABSTRACT: The apparent motions of the earth in the lunar sky can be considered in two coordinate systems related to a point on the lunar surface - ecliptic and horizontal. Geometrically, the motion of the earth in an ecliptic coordinate system, caused for the most part by the revolution of the moon around the earth, occurs along the projection of the lunar orbit on the celestial sphere. The influence of libration in longitude and latitude is reflected in the general character of this motion and the appearance of second-order parallactic displacements. Expressions are derived for the determination of lunar

Card 1/3

ACCESSION NR: AP4003729

topocentric ecliptic coordinates and selenocentric coordinates for the earth. The expressions obtained are usable for compilation of ephemerides of the earth in lunar ecliptic coordinates, related to a point on the lunar surface. It is possible to transform to any other point in the lunar hemisphere visible from the earth by introducing a correction for diurnal parallax. An analysis is made of the motion of the earth relative to the horizon. In this case librations in longitude and latitude can be considered oscillatory motions of the center of the visible disc of the moon relative to a point with the selenographic coordinates lambda = 0 degrees, beta = 0 degrees, occurring in perpendicular directions with unequal periods. The resultant librational motion of the center of the visible disc of the moon (or center of the earth), observed from the center of the moon occurs along a curve of a Lissajous figure. Motions of the earth relative to the horizon during one full period of librational motion have been determined. Under certain conditions the character of the motion of the earth in the lunar sky is not dependent on the position of the observer on the lunar surface. At a specific time the position of the earth relative to the horizon can be determined from ephemerides. A formula is supplied for compiling an ephemeris for the earth in horizontal coordinates. Orig. art. has: 3 figures and 8 formulas.

Card 2/3

ACCESSION NR: AP4003729

ASSOCIATION: none

SUBMITTED: 03May63

DATE ACQ: 26Dec63

ENCL: 00

SUB CODE: AS

NO REF Sov: 003

OTHER: 000

Card 3/3

SHEVCHENKO, V.V.

Miners are heading toward new objectives. Shakht. stroi. & no.6:2-4
Je '64. (MIRA 17:10)

I. Pervyy sekretar' Luganskogo promyshlennogo oblastnogo komiteta
Komunisticheskoy partii Ukrayiny.

SHEVCHENKO, V. V.

Shevchenko, V. V. "The severe winter of 1944-45 and its effect on the birds of the foothills of the Talass Ala-tau", Okhrana prirody, 1948 (on the cover: 1949), No. 6, p. 36-41.

SC: U-32/1, 10 April 53, (Letopis 'Zhurnal 'nykh Statey, No. 11, 1949).

SHEVCHENKO, V. V.

Bazkanov, V. S. and Shevchenko, V. V. "Large dinosaurs from the heights of Karatau," Vestnik Akad. nauk Kazakh. SSR, 1946, No. 10, p. 88-89

SO: U-350, 16 June 53, (Leto: is Zhurnal 'nykh Statey, No. 5, 1946).

SHEVCHENKO, V. V.

"Large-Scale Destruction of the Steppe Lark Melanocorypha Calamira L. in the Foot-Hills
of Talasskiy Altai, Southern Tien Shan," Zool. Zhur., 28, No. 6, 1949. Mbr., State
National Forest, Akeu-Dzhabagly, -cl949-.

SHEVCHENKO, V.V.

Horseflies of the Dzhabagly basin (Aksu-Dzhabagly State Preserve
in western Tien Shan). Trudy Inst.zool.AM Kazakh.SSR 2:145-156
'53. (MLRA 10:2)

(Aksu-Dzhabagly Preserve--Horseflies)

SHEVCHENKO, V.V.

Data on the fauna and ecology of gadflies (Tabanidae) of the Talas Ala-Tau
and Kara-Tau. Biul. MOIP. Otd. boil. 58 no.1:18-34 '53. (MFA 6:5)
(Ala-Tau--Horseflies) (Horseflies--Ala-Tau)
(Kara-Tau--Horseflies) (Horseflies--Kara-Tau)

SHEVCHENKO, V.V.

New data on the horseflies (Tabanidae) of western Tien Shan.
Trudy Inst.zool. AN Kazakh.SSR 3:47-53 '55. (MLRA 9:12)
(Tien Shan--Horseflies)

SHEVCHENKO, Viktor Vasil'yevich

[Guide to the horseflies of Kazakhstan] Opradelitel' slepnei
Kazakhstan. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956.
102 p.
(Kazakhstan--Horseflies)

USSR/General and Systematic Zoology. Insects. Systematics and
Faunistics

P

Abs Jour : Ref Zhur - Biol., No 3, 1959, No 11448

Author : Belyshev B.F., Shevchenko V.V.

Inst : Institute of Zoology AS KazSSR

Title : Fauna of the Dragonflies (Odonata) in Talas Altai and
Karatay (Western Tyan-Shan').

Orig Pub : Tr. In-ta zool. AN KazSSR, 1958, 8, 222-223

Abstract : An inventory of 21 dragonfly species and data on places and
time of collection.

Card : 1/1

- 2 -

SHEVCHENKO, V.V.

Taxonomic significance of the structural features of the genitalia
of certain Palearctic species of horseflies of the subfamily
Chrysopinae (Diptera, Tabanidae). Trudy Inst.zool.AN Kazakh.SSR
11:157-172 '60. (MIRA 13:11)
(Generative organs) (Horseflies)

SHEVCHENKO, Viktor Vasil'yevich; SOKOLOV, A.G., red.; ROROKINA, Z.P.,
tekhn. red.

[Horseflies of Kazakhstan (Diptera-Tabanidae)] Slepni Kazakhstana
(Diptera-Tabanidae) Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR,
1961. 327 p.

(Kazakhstan—Horseflies)

GALUZO, I.G., akademik, otv. red.; GVOZDEV, Ye.V., red. toma; BOYEV,
S.N., akademik, red.; ORLOV, N.P., red.; PANIN, V.Ya., red.
PETROV, V.S., red.; SHEVCHENKO, V.V., red.; GLAZYRINA, D.M.,
red.; ROROKINA, Z.P., tekhn. red.

[Natural focus of diseases and problems of parasitology] Pri-
rodnaia ochagovost' boleznei i voprosy parazitologii; trudy.
Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR. No.3. 1961.
668 p. (MIRA 15:3)

1. Konferentsiya po prirodnoy ochagovosti bolezney i vopro-
sam parazitologii Kazakhstana i respublik Sredney Azii. 4th,
Alma-Ata, 1959. 2. Institut zoologii Akademii nauk Kazakhskoy SSR
(for Galuzo, Boyev, Gvozdev, Shevchenko).
(PARASITOLOGY) (MEDICAL GEOGRAPHY)

BOYEV, S.N., otv. red.; BONDAREVA, V.I., red.; GALUZO, I.G., red.;
PAK, S.M., red.; SHEVCHENKO, V.V., red.; ALEKSANDRIYSKIY, V.V.,
red.; KHUDYAKOV, A.G., tekhn.red.

[Parasites of farm animals in Kazakhstan] Parazity sel'skokho-
ziaistvennykh zhivotnykh Kazakhstana. Alma-Ata, Izd-vo Akad.
nauk Kazakhskoi SSR. Vol.1. 1962. 225 p. (MIRA 16:1)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut zoologii.
(Kazakhstan--Veterinary parasitology)

SHEVCHENKO, V.V.

Genitalia of some Palaearctic horseflies (Chrysozona, Tabanidae,
Diptera). Trudy Inst. zool. AN Kazakh. SSR 18:224-234 '62.
(MIRA 17:3)

SHEVCHENKO, V.V.

First comprehensive general faunistic work on the dragonflies of
Siberia. Izv. SO AN SSSR no.4 Ser. biol.-med. nauk no.1:155-156
'64. (MIRA 17:11)

OLSUF'YEV, N.G.; SHEVCHENKO, V.V.

Discovery of a new species of horsefly *Tabanus ansarii badhysi*
subsp. *nova* in the U.S.S.R. Trudy Inst. zool. AN Kazakh. SSR 22:
197-198 '64. (MIRA 17:12)

L 3424-66 EWT(1) GS/GW

ACCESSION NR: AT5023745

UR/0000/65/000/000/0080/0091

33
31
B+1AUTHOR: Lisina, L. P.; Shevchenko, V. V.TITLE: Determination of selenographic coordinates of points on the lunar surface
and of distances between them in a photometric method of studying slope anglesSOURCE: AN UkrSSR. Figura i dvizheniye Luny (Shape and motion of the Moon).
Kiev, Naukova dumka, 1965, 80-91

TOPIC TAGS: selenography, lunar surface, photometry

ABSTRACT: A method is proposed based on the assumption that during photometric measurements, the rectangular coordinates of points can be measured on the negative with some degree of accuracy. A mathematical relation is derived between the actual surface of the moon, assumed to be spherical, and its plane representation on a photograph, considered as an external perspective projection; i.e., the cartographic character of the photographic image of the moon is determined. The formula obtained,

$$L_{km} = \frac{\sqrt{R^2 - S^2}}{P} \left(\frac{\arcsin \frac{l_1}{\sqrt{R^2 - S^2}}}{\mu} - \frac{\arcsin \frac{l_2}{\sqrt{R^2 - S^2}}}{\mu} \right) \frac{1}{100}, \quad (1)$$

Card 1/2

L 3424-66

ACCESSION NR: AT5023745

gives the distance between two points on the lunar surface, undistorted by the projection. The accuracy of the method is illustrated with an example using a photograph of the moon on a scale of 1:37,000,000 made by L. R. Lisina with the 70-cm reflector of the GAO AN Ukr. SSR. Orig. art. has: 8 figures and 20 formulas.

ASSOCIATION: None

SUBMITTED: 12May65

ENCL: 00

SUB CODE: AA, ES

NO REF SOV: 003

OTHER: 001

Card 2/2 *pls*

SEMELEV, A.I., kand.tekhn.nauk; BANDOS, P.L., inzh.; SHEVCHENKO, V.Ya.,
inzh.; SHERZHUKOV, G.Ye., inzh.

Fiber glass reinforcements for concrete construction ele-
ments. Sbor.trud.IUZHNI no.3:209-217 '59.
(MIRA 13:7)
(Glass fibers) (Reinforced concrete)

L 15252-65 EEC(b)-2/EPA(s)-2/EWT(1)/EWT(m)/EEC(t) P1-4/Pt-10 ASD(a)-5/
AS(mp)-2/APETRA/ESD(gs)/ESD(t)/IJP(c) GG/RM
ACCESSION NR: AP4047867 S/0188/64/000/005/0090/0092

AUTHOR: Brandt, A. A.; Shevchenko, V. Ya.

TITLE: A method for measuring the coercive field of ferroelectrics ^B 2/9-

SOURCE: Moscow. Universitet. Vestnik. Seriya 3. Fizika, astronomiya, no. 5,
1964, 90-92

TOPIC TAGS: dielectric permeability, alternating field, coercive field, ferroelectric, triglycine sulfate 1

ABSTRACT: A new method is presented for measuring the coercive field of ferroelectrics in a wide frequency range of the polarizing field. The same method is applied to the investigation of the anomalous changes in dielectric permeability during polarization. The sample, in a condenser, is subjected simultaneously to two fields, a polarizing field of low frequency provided by one generator and a low voltage field from the sound frequency generator connected in the sample circuit. When a specimen is polarized, its dielectric permeability changes, thus inducing corresponding changes in the capacity of the ferroelectric condenser. The changes in the transmission coefficient of a circuit consisting of the condenser and a resistance, as a function of capacitance for two values of resistance

Card 1/3

L 15252-65
ACCESSION NR: AP4047867

and frequency are shown in Fig. 1 of the Enclosure. It is seen from Fig. 1 that when $\omega RC \ll 1$, changes in capacitance of a ferroelectric condenser cause a proportional variation in the amplitude of the applied voltage of frequency ω . If a ferroelectric is polarized in a linearly variable field $E(f)=Kt$, then when the value of the amplitude of the "probing" voltage attains a maximum, that value will correspond to the value of the coercive field of a ferroelectric and $E_K = E(t_K) = Kt_K$. This method is then applied to the measurement of the coercive field of trityl glycine sulfate for different frequencies of the linearly varying voltage in the frequency range 10^{-5} - 10^2 c/s. The dependence of the coercive field on the time derivative indicates that the coercive field of ferroelectrics is not a uniquely defined magnitude and depends on the field and its duration in all frequency ranges. Moreover, there is a definite influence of the electrodes on the measurement of the coercive field. A brief discussion of different types of electrodes is included. Orig. art. has: 3 figures and 6 formulas.

ASSOCIATION: Kafedra fiziki kolebaniy Moskovskogo universiteta (Department of Vibration Physics, Moscow University)

SUBMITTED: 20Feb64

ENCL: 01

SUB CODE: EM

NO REF Sov: 003
Card 2/3

OTHER: 007

ACCESSION NR: AP4047867

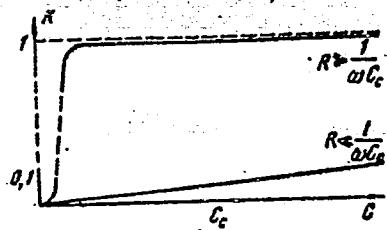
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Fig. 1. Relationship between the transmission coefficient and capacitance depending on the resistance and frequency.

Card 3/3

L 52988-65 EPA(s)-2/EWT(m)/EPF(c)/EPR/EWP(j)/T Pe-4/Pr-4/Ps-4/Pt-7 MM/RM

ACCESSION NR AM5009845

BOOK EXPLOITATION

S/ 43

3+1

Andreyev, Georgiy Yakovlevich; Sharzhukov, Gelyi Tafimovich; Shevchenko,
Valentin Yakovlevich, Dardyk, Yakov Iosifovich

Production of glass fiber reinforced plastic pipes (Izgotovleniye stekloplastiko-vykh trub), Khar'kov, Issd-vo Khar'kovskogo univ., 1964, 98 p. illus., bibliog., 9,000 copies printed.

TOPIC TAGS: glass fiber, reinforced plastic, tube

PURPOSE AND COVERAGE: This book presents the technology of continuous fabrication of glass fiber reinforced plastic tubes developed in the Khar'kov Mining Institute. It describes in detail the equipment for producing tubes by the continuous method. The reader can more fully conceive of the newness and advantages of this method of fabricating glass fiber reinforced plastic tubes from the review of present methods in the USSR and abroad. At the same time, the book presents information on the various types of glass fillers and binders in use in the production of glass fiber reinforced plastics. The book is intended for a wide audience of engineers, technicians, workers in research and design institutions, students in VUZY and technicums, and production innovators.

Card 1/2

L 52988-65

ACCESSION NR AM5009845

TABLE OF CONTENTS [abridged]:

Introduction -- 3

Ch. I. Binders used in production of glass fiber reinforced plastics -- 5

Ch. II. Glass fiber fillers -- 16

Ch. III. Fabrication of glass fiber reinforced plastic tubes -- 29

Ch. IV. Continuous method of fabricating glass fiber reinforced plastic tubes
developed in the Khar'kov Mining Institute -- 58

Bibliography -- 97

SUBMITTED: 26Mar64

SUB CODE:MT

MR R&P Sov: 007

OTHER: 006

Card 2/2

SHEVCHENKO, V.Ye. (Slavyansk)

Presentation of the theorem of the addition of cosines. Mat. v
shkole no.6:76-77 N-D '59. (MIRA 13:3)
(Trigonometry--Problems, exercises, etc.)

ANDREYEV, Grigoriy Yakovlevich; SHERZHUKOV, Geliy Yefimovich;
SHEVCHENKO, Valentin Yakovlevich; LEV, Arkadiy L'vovich;
SPAVKIN, I.P., ved. red.; KUZNETSOV, P.G., ved. red.;
PENGLER, K.I., red.

[Manufacturing and using glass-reinforced plastic pipes; a
survey of foreign technology] Proizvodstvo i primenenie stek-
loplastikovykh trub; obzor zarubezhnoi tekhniki. Moskva,
GOSINTI, 1962. 89 p. (Tema 10) (MIRA 17:4)

ANDREYEV, Georgiy Yakovlevich; SHERZHUKOV, Gelyi Yefimovich;
SHEVCHENKO, Valentin Yakovlevich; DARDYK, Yakov
Iosifovich; KORNIYENKO, M.A., dots., otv. red.;
ALYAB'YEV, N.Z., red.

[Manufacture of glass-reinforced plastic pipes] Izgotov-
lenie stekloplastikovykh trub. Khar'kov, Izd-vo Khar'-
kovskogo univ., 1964. 98 p.
(¹ IRA 17:12)

ACCESSION NR: AR4033715

S/0081/64/000/003/S078/S078

SOURCE: Referativnyy zhurnal. Khimiya, Abs. 38450

AUTHOR: Andreyev, G. Ya.; Sherzhukov, G. Ye.; Shevchenko, V. Ya.; Dardyk, Ya. I.

TITLE: New technique and equipment design for the preparation of glass-reinforced plastic pipe by a continuous method

CITED SOURCE: Nauchn. tr. Khar'kovsk. gorn. in-t, v. 12, 1962, 126-136

TOPIC TAGS: pipe manufacture, plastic pipe, glass reinforced pipe, glass reinforced plastic pipe

ABSTRACT: The essence of the new technique is that layers of longitudinal and transverse-glass fibers, impregnated with a binder during the process, are placed on a small length in the shaping zone of a pitch mandrel. To effect longitudinal movement of the pipe, the mandrel is composed of separate longitudinal sections, forming a cylinder when assembled, and able to move forward and backward. The sections move synchronously in the axial direction and cause the pipe to move along, after which each section is extracted from the pipe to return to its initial position, while the backward motion of the pipe is checked. The use of different variations of the assembly design permits manufacture of pipes with varying wall

ACCESSION NR: AR4033715

thickness (from 0.5 to 1.5 mm) and a conical outer surface, while the use of changeable pitch mandrels ensures the production of pipes of varying internal diameter (75, 100, 125, 150, 300 mm) and length (as required). The productivity is up to 30 m/hr. Diagrams, technical characteristics, a description of the assembly and the advantages of its employment are given.

DATE ACQ: 02Apr64

SUB CODE: IE, MA

ENCL: 00

Card 2/2

BRANDT, A.A.; SHEVCHENKO, V.Ya.

Repolarization of triglycine sulfate crystals in linear
periodic fields at frequencies of 10^2 - 10^{-5} cps.
Kristallografiia 9 no.2:292-293 Mr-Ap'64. (MIRA 17:5)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

SHEVCHENKO, Ya.A., inzh.

Improvement in the telephone reception of telegrams from
municipal communication centers. Vest. sviazi 20 no.4:25-
26 Ap '60.
(MIRA 13:7)

1. Sochinskiy telegraf.
(Telegraph)

SHEVCHENKO, I. A.

Stakhanov movement and the growth of the work productivity in ferrous metallurgy
Kyiv, Vyd-vo Akad. nauk URSR, 1940. 80 p. (50-40768)

TN704.R9S5

1. Steel industry and trade - Ukraine.
2. Iron industry and trade - Ukraine.

SHEVCHENKO, Ya.O.; KURDYUMOV, S.V., redaktor, professor; RUDNITS'KA, P.P.,
redaktor; RAKHLINA, M.P., tekhnicheskiy redaktor.

[Local fuel resources of the Ukrainian S.S.R. and ways of using them]
Mistsevi palvyni resursy UkrSSR i shliakhy ikh vyukorystannia. Kyiv,
Vyd-vo Akademii nauk Ukrains'koi RSR, 1953. 25 p. (MLRA 8:2)
(Ukraine--Fuel)

SHEVCHENKO, Ya.O.

The most efficient methods of reducing production costs in local
power production. Nauk. zap. Inst. ekon. AN URSR no.3:122-131 '55.
(Ukraine--Power engineering) (MIRA 11:3)
(Costs, Industrial)

KONSEVICH, Anton Ivanovich; SHAVCHENKO, Yakov Aleksandrovich; ODINTSOV,
V.Ye., otvetsvennyy redaktor; MOSNIK, N.I., redaktor Izdatel'stva;
SKLYAROVA, V.Ye., tekhnicheskiy redaktor

[Ways of developing the electrification of rural regions of the
Ukraine] Puti razvitiia elektrifikatsii sel'skikh raionov Ukrainskoi
SSR. Kiev, Izd-vo Akademii nauk USSR, 1956. 63 p. (MIRA 10:1)
(Ukraine--Rural electrification)

SEREDENKO, M.V.; GLAMAŽDA, A.D.; KHOTIMCHENKO, M.M.; ~~SELEVČENKO, Ya.O.~~
RUDOV, P.Yu.; KHARCHENKO, P.F.; KIRAMOV, O.O.; GURIKOVA, V.O.;
GORELIK, L.Ye.; RIZHEKOV, I.I.; ZHIREBKI, G.P.; MIKOLAYEVA, I.V.;
KROBKO, V., redaktor; LAPCHENKO, K., tekhnichniy redaktor

[Industry of the Soviet Ukraine during 40 years, 1917-1957]
Promyslyvist' Hacians'koi Ukrayny za 40 kokin (1917-1957). Kyiv,
Derzh.vyd.-vo polit.lit-ry URSR, 1957. 330 p. (MLRA 10:10)

I. Akademiya nauk URSR, Kyiv. Institut ekonomiki.
(Ukrainian Industries)

SHEVCHENKO, Yakov Aleksandrovich [Shevchenko, Іаків Олександрович]

[Development of electric power in the Ukraine] Rozvytok elektro-
energetyky Ukrains'koi RSR. Kyiv, Akad.nauk URSS, Inst. ekonomiky,
1958. 37 p.
(Ukraine--Electrification)

SHEVCHENKO, Yakov Aleksandrovich [Shevchenko, I.A.O.]; KURDYUMOV, S.V., prof.,
red.; NOVIKOVA, G.O., red.izd-va; ZHUKOVSKIY, A.D. [Zhukovs'kyi, A.D.]
tekhn.red.

[Ways of developing the local fuel industry in the Ukraine]

Shliakhy rozvytku mistsevoi palyvnoi promyslovosti URSSR.

Kyiv, Vyd-vo Akad. nauk URSSR, 1958. 134 p. (MIRA 11:12)
(Ukraine--Coal) (Ukraine--Peat)

BUKHALO, S.M., doktor ekon. nauk, otv. red.; SHEVCHENKO, Ya.A., doktor ekon.nauk, red.; YAKUSHA, G.B., kand. tekhn. nauk, red.; SKLYAR, V.T., kand. khim. nauk, red.; RESHETNYAK, A.A., inzh., red.; PILYUKHANOV, L.S., inzh., red.; METLINA, T.I., inzh., red.; VELIKOKHAT'KO, A.T., red.

[Problems of effective use of fuel and power resources (Donets and Dnieper Economic Regions); materials] Voprosy ratsional'nogo ispol'zovaniia toplivno-energeticheskikh resursov (Donetsko-Pridneprovskii ekonomicheskii raion); materialy. Kiev, Naukova dumka, 1964. 200 p. (MIRA 17:12)

1. Nauchno-tehnicheskaya konferentsiya po voprosam ratsional'nogo ispol'zovaniya toplivno-energeticheskikh resursov. Donetsk, 1962. 2. Institut ekonomiki Gosplana Ukr.SSR (for Shevchenko).

SERESENKO, M.M., doktor ekon. nauk; ALEKSANDROVA, V.P.; KUGUSHEV, M.F.
[Kuhushev, M.F.]; SHEVCHENKO, Ya.O.; GLAMAZDA, A.D. [Hlamazda,
A.D.]; ZABORSKAYA, Z.M. [Zabors'ka, Z.M.]; KHOTIMCHENKO, M.M.
[Khotymchenko, M.M.]; YATSKOV, V.S.; MEDVEDEV, V.M. [Medvediev,
V.M.]; CHIRKOV, P.V. [Chyrkov, P.V.]; KHARCHENKO, P.F.;
SOTCHENKO, Z.Ya.; PROFATILOVA, L.M. [Profatylova, L.M.];
MAULIN, M.O.; GORELIK, L.Ye. [Horelik, L.IE.]; RIZHKOV, I.I.
[Ryzhkov, I.I.]; ZHEREBKIY, G.P. [Zherebkin, H.P.]; KHRAMOV,
O.O.; LANDYSH, B.O., red.; ROZENTSVEYG, Ye.N. [Rozentsveih,
IE.N.], tekhn. red.

[Economic efficiency of capital investments and the introduction
of new machinery in industry] Ekonomichna efektyvnist' kapital'-
nykh vkladen' i vprovadzhenniya novoi tekhniki u promyslovosti.
Kyiv, Vyd-vo Akad. nauk URSR, 1962. 260 p. (MIRA 16:2)

1. Akademiya nauk URSR, Kiev. Instytut ekonomiky.
(Capital investments) (Technological innovations)

RECORDED, 100% T.

Melissa

see below in Ukraine. Rchelovedstvo 29 no. 6, 1952.

9. MONTTHLY LIST OF RUSSIAN ACCESSIONS, Library of Congress, August 1952. Incl.

Shevchenko, Ya. T.

USSR/Farm Animals. Honey Bee

n-6

Abstr Jour : Ref Zhur - Biol., No 8, 1958, No 35768

Author : Shevchenko Ya.T.

Inst : Not Given

Title : How Large Crops Are Obtained on the Progressive Apiary (Kak poluchayut vysokiy medosbory na peredovoy pasoke)

Orig Pub : Kchelovedstvo, 1957, No 9, 20-24

Abstract : At a large kolkhoz apiary, producing high honey crops, the chief peculiarity of the work consists in eliminating imperfect colonies. The strengthening of weak colonies at the expense of strong ones should not be resorted to.

Card : 1/1

SHEVCHENKO, Ye.; FEDOTOV, V.

Amateur photographers need guidance. Sov.foto 18 no.10:40
O '58. (MIRA 11:11)

1. Ispolnyayushchiy obyazannosti glavnogo redaktora gazety "Za
peredovuyu tekhniku" (for Shevchenko). 2. Rukovoditel' fotokrushka
pri redaktsii mnogotirazhnoy gazety (for Fedotov).

(Photography)

SHEVCHENKO, Ye.

"Eimeriosis of Sheep in Chkalovskaya Oblast and Experiences in Treating This Disease." Cand Vet Sci, Kazan' Zooveterinary Inst, Chkalov, 1953. (RZh Biol, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

SHEVCHENKO, Ye.

Innovators. Avt.transp. 40 no.3:63 Mr '62. (MIRA 15:2)
(Kuybyshev Province--Transportation, Automotive—Technological innovations)

SHEVCHENKO, Ye.

Construction of solid foundations in the winter.
Stroitel' 8 no.10:7 0 '62. (MIRA 15:11)
(Foundations)
(Concrete construction—Cold weather conditions)

L 26103-65 EPF(c)/EWP(j)/EWT(m) PC-4/Pr-4 RM
ACCESSION NR: AP4047196 S/0190/64/006/010/1748 / 1754

22
19
B

AUTHOR: Dontsov, A. A.; Shevchenko, Ye. A.; Novitskaya, S. P.; Dogadkin, B. A.

TITLE: Reaction of polyethylene with dibenzothiazyl disulfide

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 6, no. 10, 1964, 1748-1754

TOPIC TAGS: polyethylene, vulcanization, disulfide vulcanizing agent, dibenzothiazyl disulfide, polymer structuration

ABSTRACT: The kinetics of the reaction between polyethylene and dibenzothiazyl disulfide (DNTD), were investigated at temperatures of 190-220°C and accelerator concentrations of 0.1-0.2 parts per 100 parts of polyethylene. The reaction was carried out either in sealed ampoules filled with nitrogen or in a press, and was followed by measuring the disappearance of DNTD, the formation of mercaptobenzothiazol and hydrogen sulfide, the addition of S to the polymer and the formation of an insoluble gel. The results showed that the reaction is first-order with respect to DNTD, and that the addition of S to the polymer is second-order. The decomposition of DNTD from a first- to a second-order reaction, decreases the relative amounts of bound S and mercaptobenzothiazol, and increases the amounts of degradation products. Mercaptobenzothiazol formation, however, always remains a first-order reaction. The addition of S proceeds through

Cord 1/2

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ACCESSION NR: AP4047196

a maximum in all cases, the ascending curve being a first-order process, and the rate constants of the addition of S and formation of mercaptobenzothiazol are about equal. At DBTD concentrations less than 5%, there is no gel formation; gel formation increases with increasing amounts of DBTD in the mixture, but is unaffected by temperature. Basically, the gel is formed by the dissociation of DBTD radicals connected with the polymer. A mechanism is proposed to explain these reactions, in which the accelerator first adds to the polymer. In mixtures with small amounts of DBTD, these products are stable and structuration does not take place. At high accelerator concentrations, labile addition products are formed which are capable of thermal dissociation, causing cross-linkage. Orig. art. has: 4 figures, 1 table and 10 equations.

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M. V. Lomonosova (Moscow fine chemical technology institute)

SUBMITTED: 19 Nov 63

ENCL: 00

SUB CODE: OC, G C

NO REF Sov: 005

OTHER: 002

L 64547-65 EWT(m)/EPP(c)/SWP(j)/T RM

ACCESSION NR: AP5023221

UR/0190/64/006/011/2015/2022

AUTHOR: Dontsov, A. A.; Shevchenko, Ye. A.; Novitskaya, S. P.; Dogadkin, B. A.

TITLE: Interaction of polyethylene with sulfur in the presence of dibenzothiazyl disulfide (Altax)

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 6, no. 11, 1964, 2015-2022

TOPIC TAGS: polyethylene plastic, sulfur, chemical reaction, polymer, organic sulfur compound

ABSTRACT: The article is the fifth communication from the series "Interaction of Polyethylene with Sulfur." The kinetics of the reaction of polyethylene with sulfur in the presence of Altax dibenzothiazyl disulfide at 190-200° was investigated. In the course of the reaction, Altax decomposes, mercapto-benzothiazole is formed, sulfur is added to polyethylene, and the bulk of the polymer is converted to an insoluble product. The Altax consumption, mercapto-benzothiazole formation, and addition of sulfur obey first-order equations. The rate constants of mercaptobenzothiazole formation and sulfur addition are approximately equal (30 kcal/mole), but smaller than the rate of constant of

Card 1/2

L 64547-65

ACCESSION NR: AP5023221

the consumption of Altax (20.8 kcal/mole). Gel formation occurs chiefly after the Altax consumption; it is accompanied by the formation of mercapto-benzothiazole and the addition of sulfur and ends when limiting amounts of mercaptobenzothiazole and bound sulfur are reached. When the Altax content is increased, the limiting amount of the gel increases. Gel formation is accelerated by elevation of the temperature, but the final quantity of the gel remains unchanged. The authors conclude that in the presence of sulfur, no appreciable induced decomposition of Altax takes place; the participation of Altax in reactions of dehydrogenation of the polymer increases, as does the sulfide content of the intermediate compounds of the polymer and accelerator, arising at the first stage of the reaction. As a result, both the efficiency and the rate of structuration increase when sulfur is incorporated into the polyethylene-Altax mixture. Orig. art. has: 13 formulas, 6 graphs, 2 tables.

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M. V. Lomonosova (Moscow Institute of Fine Chemical Technology)

SUBMITTED: 22Jan64

ENCL: 00

b5
SUB CODE: OG, GC

NR REF Sov: 008

OTHER: 002

JPRS

Card 2/2

S H E U C H E N K O , Ye. F.

11(4), 7(3), 24(7)
 Authors: A. P. Sklyarov, V. T. Mikhina, I. M. Pushkovskaya, G. I.
 Shulyak, L. I.

Title:
Investigation of the Composition of the High Molecular
 Hydrocarbon Fractions of Petroleum of the Bitkivakoye Deposit
 by Means of Infrared Absorption Spectra.

Periodicals: Izvestiya Akademii Nauk SSSR. Seriya Fizicheskaya, 1959, Vol. 23,
 No. 10, pp. 1192-1193 (Russia).

Abstract: The present investigation was carried out in collaboration with the Laboratory of Gochikov Institute of Petroleum Chemistry of the USSR, VNIIM, investigations were carried out of petroleum obtained from the borehole 350, and 350 of the Bitkivakoye deposit in the western Ukraine. Petroleum 350, the solid fraction, was separated at 0 and -10°, and later the aromatic fraction it was separated according to the method of Chernobukov and Kankova (Ref. 1). The remainder of the solid fraction 350 was separated by carbamide complex formation (complex-forming part KN - nonparaffin-forming part KET). The remaining liquid fraction was chromatographically separated into a paraffin naphthene fraction (Pn), a mon-, bi-, and polycyclic aromatic hydrocarbon-containing fraction (Iach, Zlach, and

naph.), The fraction Pn was further treated with carbamide and thiocarbamide and four components were obtained. The spectra were recorded in the range 2.15 μ - 3.5 μ (sample thickness 50 - 55 μ). Spectrometer of the type VIK-1 (corresponding number of details concerning the spectra of the investigated fractions are given. The spectra above show the following: a number of intense bands corresponding to the oscillations of the CH₂-groups and weak bands (CH) at 6.32 and 7.29 μ . The n-paraffins were characterized by the intense band at 15.69 μ . The m-paraffins had the following bands with 13.69 μ . The aromatic fractions had the following bands: 1420, 6.2, 1220, 3.4, 13.6, and 14.3 μ (dilute) and 2.6, 11.4 and 12.0 μ (weak); 2420, 11.4, 12.2 and 13.4 μ ; 12.6, 13.0 and 14.3 μ (weak); 14.3 μ (weak); 13.2, 11.4 and 13.4 μ ; as well as 9.6, 11.4 and 13.4 μ . The investigation results showed that the paraffins obtained from the various boreholes differ from one another. Thus, the P-fraction from the borehole 350

Card 1/3

Card 2/3

contained more refined paraffins than that from 310. The petroleum of the former contained more aromatic and that of the latter more paraffin-hydrocarbons. There are 5 references, 3 of which are Soviet.

Card 3/3

SITE V CHENKO E.I.

USER/ Chemistry - Analytical chemistry

Card 1/1 Pub. 116 - 17/25

Authors : Babkin, M. P.; Nozhenko, L. N.; and Shevchenko, E. I.

Title : The precipitability of CdC₂O₄ in the presence of analogous and foreign ions

Periodical : Okr. khim. zhur. 21/1. 93-96. 1955

Abstract : Experiments were conducted to determine the type of cadmium oxalate precipitates with respect to the effect of analogous ions and the effect of foreign ions on the precipitability of CdC₂O₄. Results showed that CdC₂O₄ belongs to the type of precipitates the solubility of which, in the presence of cations or anions, decreases first and then increases as result of the complex formation reaction. The reducing effect of foreign ions (K⁺ and Cl⁻) on the precipitability of CdC₂O₄ from solutions with equivalent Cd²⁺ and C₂O₄²⁻ ions was established. One USSR reference (1952). Tables.

Institution : The Donets Industrial Institute, Faculty of Analytical Chemistry

Submitted : December 16, 1953

SHEVCHENKO, Ye.M., inzh.; YUROVSKAYA, R.L., inzh.

Impurities of feed water caused by dissolved iron. Elek , sta. 29
no.7:80-81 J1 '58. (MIRA 11:10)
(Feed water)

RUDAKOV, Ya.D., inzh.; SHEVCHENKO, Ye.M., inzh.; MARTYNOV, A.V.

Use of the scavenging slime of clarifying agents for neutralizing
the acid waters of chemical desalting systems. Elek. sta. 32
no.12:59-60 D '61. (MIRA 15:1)
(Feed-water purification)

СССР, 1952.

Mowing Machines

Work practice on a self-propelled hay mower. Dost. sel'khoz. No. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED.

FERDINAND, Ya.M. (Rostov-na-Donu); Prinimali uchastiye: MARISOVA, A.P.;
BRAYNINA, R.A.; MARGULIS, L.A.; MYASNENKO, A.M.; KOVALEVSKAYA,
I.L.; TELESHEVSKAYA, E.A.; SOROLEVA, S.V.; KALININA, K.I.;
KOVALEVA, N.S.; IVANOVA, M.K.; ARENDER, B.A.; KUCHERENKO, R.A.;
MANATSKOVA, K.S.; OLEYNIKOVA, L.T.; KIBARDINA, Yu.A.;
GRIGOR'YEVA, K.S.; SEMENIKHINA, L.G.; CHERNYKH E.I.; DOROFYEVA,
V.M.; SHEVCHENKO, Ye.N.; ABRAMOVA, O.K.; SKUL'SKAYA, S.D.;
PETROVA, Z.I.; MAKHLINOVSKIY, L.I.; KUZ'MINA, A.I.; AL'TMAN, R.Sh.;
MARDERER, R.G.; YENGALYCHEVSKAYA, L.N.; CHIRKOVA, M.N.; TERESHCHENKO,
N.I.; SHELKOVNIKOVA, M.A.; PROKOPENKO, V.V.; BEKLEMESHEVA, Ye.R.;
BARANOVA, T.V.

Effectiveness of specific prophylaxis with alcohol divaccine
against typhoid and paratyphoid B fever in school-age children.
Zhur. mikrobiol., epid. i immun. 41 no.1s23-27 Ja '64.

(MIRA 18:2)

SHEVCHENKO, YE. P.

PA 10/49T55

USSR/Engineering

Jul/Aug 48

"Review of 'Methodological Handbook on Technological Information and Bibliography' by M. P. Zybina and O. A. Litskevich," Ye. P. Shevchenko, $\frac{1}{2}$ p

"Vest Inzhener i Tekhnika" No 4

Favorable notice on the whole. Good features of book include list of Soviet and foreign journals, to which Cen Bu of Tech Information subscribes, and abbreviations of Russian and foreign words. Publisher not stated.

10/49T55

, SHEVCHENKO, YE, P.

63/49T106

USSR/Mining - Literature

DSAC 48

"Review of S. S. Dolitskaya's Book, 'Systems for
Exploiting Ore Deposits,'" Ye. P. Shevchenko, Mining
Engr, $\frac{1}{2}$ p

"Gor Zhur" No 12

Annotated bibliography of Soviet and foreign publications on ore-field exploitation published 1920 - 1934. It contains references to 806 individual works, and is the first such work to be published in the postwar period (Moscow 1947, 157 pp). Criticizes preponderance of foreign references.

63/49T106

SILVICHE, E.P.

Metallurgists

Vasiliy Petrovich Izhevskiy. Vest. nauch. 31, no. 11, 1951.

FROM MY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, SEPTEMBER 1952. UNCLASSIFIED.

1. YE. P. SHEVCHENKO, Eng., I.B. BUDNITSKIY, Docent
2. USSR (600)
4. Bobylev, Dimitrii Konstantinovich, 1842-1918
7. Memorable dates. Vest. mash. 32 no. 11. 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

SHEVCHENKO, Ye.P.

V.S.Krym and his works in the field of coal chemistry. Ukr.khim.
zhur. 19 no.5:567-571 '53. (MIRA 8:2)

1. Dnepropetrovskiy gornyy institut im.Artema.
(Krym, Veniamin Skievich, 1877-1938) (Coal)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549210016-2

SHEVCHENKO, Ye.P., inzhener.

Mikhail Grigor'evich Oknov. Vest.mash. 33 no.9:99-101 S '53. (MLRA 6:10)
(Oknov, Mikhail Grigor'evich, 1878-1942)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549210016-2"

FD 185

USSR/Chemistry - Bibliography

Card 1/1

Author : Shevchenko, Ye. P. (reviewer)

Title : Chemical literature

Periodical : Khim. prom. 3, p 61 (189), April-May 1954.

Abstract : This is a review of the book Khimicheskaya Literatura (Chemical Literature) compiled by I. A. Baytin, edited by Prof. b. N. Rutowskiy, published by Goskhimizdat, Moscow-Leningrad, 1953, 564 pp. The book under review is a bibliographic reference work that lists USSR non-periodic chemical publications which appeared during 1920-1951.

SHEVCHENKO, Ye.P., inzhener.

Nikolai Veniaminovich Kalakutskii. Vest.mash. 34 no.2:103-104
F '54. (MLRA 7:3)
(Kalakutskii, Nikolai Veniaminovich, 1831-1889)

SHEVCHENKO, Ye.P., inzhener.

Akim Filippovich Golovin. Vest.mash. 34 no.8:101-102 Ag '54.
(Golovin, Akim Filippovich, 1880-1949) (MIRA 7:8)

_____ , yet?

SHEVCHENKO, Yevgeniy Pavlovich; MARGOLIN, V.A., redaktor; RYKOV, N.A. redaktor;
NADEINSKAYA, A.A., tekhnicheskiy redaktor

[Coal for coking] Ugli dlja koksovaniia. Moskva, Gos. nauchno-tekhn.
izd-vo lit-ry po ugol'noi promysh.. 1955. 31 p. (MLRA 9:1)
(Coke)

SHEVCHENKO, Ye.P., inzhener

Vladimir Matveevich Makovskii. Vest.mash.35 no.7:87-89 J1'55.
(MLRA 8:10)

(Makovskii, Vladimir Matveevich, 1875-1941)

SHEVCHENKO, Ye.P.; OKHANOVA, L., redaktor; SAMOLETOVA, A., tekhnicheskiy
redaktor

[Mendeleev and the Donets Basin] Mendeleev o Donbasse. [Stalino]
Stalinskoe obl.izd-vo, 1956. 42 p. (MLRA 10:7)
(Mendeleev, Dmitrii Ivanovich, 1834-1907)
(Donets Basin--Industries)

AID P - 4324

Subject : USSR/Engineering

Card 1/2 Pub. 128 - 24/26

Author : Shevchenko, Ye. P., Engineer

Title : Memorable dates

Periodical : Vest. mash., #3, p. 83-84, Mr 1956

Abstract : A short bio-bibliographical note on A. N. Dinnik, Professor, Member of the Ukrainian and All-Union Soviet Academy of Sciences, on the occasion of the eightieth anniversary of his birth. Prof. A. N. Dinnik died in 1950. This prominent scientist was many times awarded honors, and is described in the Bol'shaya Sovietskaya Entsiklopediya. He worked in the field of theoretical and applied mechanics on problems of the stability of elastic systems, torsion, impact and contact stresses, numerical methods of integration of differential equations in the theory of elasticity, application of

Vest. mash., #3, p. 83-84, Mr 1956

AID P - 4324

Card 2/2 Pub. 128 - 24/26

special functions to the solution of problems in the
theory of elasticity, etc.

Institution : None

Submitted : No date

SHEVCHENKO, Ye.P.

Review of the Annotated Index to Soviet Works on Spectral Analysis.
Zav.lab. 22 no.8:1008-1009 Ag '56. (MLRA 9:11)
(Spectrum analysis)

SHEVCHENKO, Ye.P., inzhener.

"High-speed metal cutting." K.G. Ganopol'skaia, I.A. Fedoruk.
Reviewed by E.P. Shevchenko. Vest. mash. 36 no.6:91 Je '56.

(MLRA 9:10)

(Bibliography--Metal cutting) (K.G. Ganopol'skaia)
(I.A. Fedoruk)

SHEVCHENKO, Ye.P., inzhener.

N.I. Beliaev. Metallurg 2 no.5:39-40 My '57. (MIRA 10:6)
(Beliaev, Nikolai Ivanovich, 1877-)

130-7-19/24

AUTHOR: Shevchenko, Ye.P. (Engineer)

TITLE: Dnepropetrovsk Technical Information Bulletin.
(Dnepropetrovskiy Byulleten' Tekhnicheskoy Informatsii)

PERIODICAL: Metallurg, 1957, Nr 7, p.37 (USSR)

ABSTRACT: This brief note outlines the contents of the 52-page first number of the Dnepropetrovsk Bulletin. This includes articles on the automatic control of blast-furnace operation according to the pressure drop up the furnace, the desulphurization of steel in the ladle by treatment with reducing slags, reheating furnace operation, rolling and wire-drawing mill operation. The bulletin relates to works in the Dneper industrial area as a whole.

AVAILABLE: Library of Congress.

Card 1/1

SHEVCHENKO, Ye.P.

"Analytical chemistry" bibliography compiled by A.I. Busev. Reviewed
by E.P. Shevchenko. Zav. lab. 23 no.3:380 '57. (MLRA 10:6)
(Bibliography--Chemistry, Analytical) (Shevchenko, E.P.)

SHEVCHENKO, Ye.P., inzh.

"Precast reinforced concrete; an annotated bibliography, 1949-
1954" edited by G.I. Berdichevskii. Reviewed by E.P. Shevchenko.
Stroi.prom. 35 no.9:48 S '57. (MIRA 10:10)
(Bibliography--Precast concrete)

130-1-16/17

AUTHOR: Shevchenko, Ye.P.

TITLE: The imeni Petrovskiy Works (Zavod im. Petrovskogo)

PERIODICAL: Metallurg, 1958, No.1, pp. 35 - 37 (USSR)

ABSTRACT: This article gives the history of the Dnepropetrovsk Metallurgical Works imeni Petrovskiy, the construction of which was officially completed on May 22, 1887. Up to 1926, it was known as the Bryansk Works. By 1914, the Works had become the largest producer of pig iron and the second largest of steel (327 000 tons) and rolled products (260 800 tons), the total labour force being about 8880. M.K. Kurako worked there as did the brothers Goryanov, who developed the hot-metal-ore practice for open-hearth furnaces and successful tests of V.P. Izhevskiy's electric steel-melting furnace were carried out. The Works was the scene of considerable revolutionary activity, G.I. Petrovskiy (after whom the Works is now named) participating. Repair of the Works was completed in 1922 and by 1940, the pig-iron, steel and rolled products production exceeded the 1913 levels by factors of 21, 2.4 and 2.6, respectively. In the same year, the director of the Works, I.I. Korobov, secured the first-ever practical adoption of high top-pressure operation of blast furnaces. The Card1/2central works laboratory gave assistance in several problems,

SHAPOVAL, Ivan Maksimovich; SHEVCHENKO, Yevgeniy Pavlovich

[Science and technology in Dnepropetrovsk Province] Nauka
i tekhnika na Dnepropetrovshchine. Dnepropetrovsk, Dnepro-
petrovskoe obl. izd-vo, 1959. 160 p. (MIRA 13:8)
(Dnepropetrovsk Province--Science)

SPERANSKAYA, Ye.F.; SHEVCHENKO, Ye.S.

Reduction of tellurium (IV) by calcium amalgam. Izv.vys.ucheb.zav.,
khim.i khim.tekh. 4 no.4:545-549 '61. (VIZA 15:1)

1 Kazakhskiy gosudarstvenny universitet imeni S.M.Kirova, kafedra
analiticheskoy khimii.
(Tellurium) (Amalgams)

BARANOVA,N.M.; BASS, Yu.B.; BOGDANOVICH, V.V.; VIL'GOS, Ye.F.;
GRAZHDANTSEV, I.I.; GRYAZNOV, V.I.; GUTOROVA, Ye.D.;
KABRIZON, V.M.; MOLYAVKO, G.I.; MOROKHOVSKAYA, M.S.;
NOSOVSKIY, M.F.; ROMODANOVA, M.P.; SOSNOV, A.A.;
SHEVCHENKO, Ye.S.; USENKO, I.S.; Prinimali uchastiye:
BONDAR', A.G., inzh.-gidrogeolog; SACHENKO-SAKUN, V.M.,
st. topograf; SHELUKHINA, A.V., st. tekhnik-geolog;
STOPIK, M.A., st. tekhnik-geolog; REUTOVSKAYA, E.A.,
tekhnik; BETEKHTIN, A.G., akademik, glav. red.[deceased]

[Nikopol' manganese-ore basin] Nikopol'skii margantsevo-
rudnyi bassein. Moskva, Izd-vo "Nedra," 1964. 534 p.
(MIRA 17:6)

1. Institut geologicheskikh nauk AN Ukr.SSR (for Baranova, Molyavko, Romodanova, Usenko).
2. Nauchno-issledovatel'skiy institut geologii Dnepropetrovskogo gosudarstvennogo universiteta (for Gryaznov, Nosovskiy).
3. Trest "Dneprogeologiya" (for Bogdanovich, Kabrizon).
4. Trest "Kiyevgeologiya" (for Bass). 5. Trest "Nikopol'-Marganets" (for Vil'gos, Grazhdantsev, Sosnov).

NIKOLAYEV, Ye.I., inzh.; AYZINA, T.V., inzh.; ENGVER, Ye.A., inzh.;
SHEVCHENKO, Ye.T., inzh.

Rapid glost firing of enameled glass tablets in gas kilns. Stek.
i ker. 22 no.9:38-39 S '65. (MIRA 18:9)

1. Institut gaza AN UkrSSR (for Nikolayev). 2. Stekol'nyy zavod
"Proletariy" (for Ayzina, Engver, Shevchenko).

SHEVCHENKO, Ye.T.; KSENOFONTOV, I.A., nauchnyy red.; BORUSHMOY, I.V.,
red.; ALEKSEYEVA, T.V., tekhn. red.

[Woodworking equipment; catalog] Derevoobrabatyvaiushchee obo-
rudovanie; katalog. Moskva, TSintimash, 1962. 249 p.

(Woodworking machinery--Catalogs)

(MIRA 15:11)

AFANAS'YEV, P.S., dots., kand. tekhn. nauk; SHEVCHENKO, Ye.T.,
nauchn. red.; KUZNETSOVA, M.I., red.

[Development of the manufacture of woodworking equipment
in the U.S.S.R. and in capitalist countries] Razvitiye pro-
izvodstva derevoobrabatyvaiushchego oborudovaniia v SSSR i
v kapitalisticheskikh stranakh. Moskva, 1963. 210 p.

(MIRA 17:8)

1. Moscow. TSentral'nyy institut nauchno-tehnicheskoy
informatsii po avtomatizatsii i mashinostroyeniyu. 2.
TSentral'nyy institut nauchno-tehnicheskoy informatsii
po avtomatizatsii i mashinostroyeniyu, Moskva (for Afanas'yev).

SHEVCHENKO Ye. V.

CH

9

Mineralogy and geochemistry of the Pb ore-bearing deposit Mirkalimay in South Kazakhstan. E. V. Shevchenko and V. K. Monich. Doklady Akad. Nauk S.S.R.

R. 41, 32-5(1943); Compt. rend. acad. sci. U. R. S. S. 41, 30-2(1943) (in English).—The paragenetic complexes of the Mirkalimay zone are characterized by products of various geochem. processes, of which the most typical are (a) oxidation and hydration (ochers, Fe and Mn, gypsum, anglesite), (b) leaching (enrichment of ochers with kaolinite and combinations of Fe-Mn, soln. of dolomite), (c) sulfate-carbonate exchange (cerussite, smithsonite, gypsum, malachite, aurrite), (d) sulfide-sulfate exchange (chalcosite), (e) hypergenesis of the zero-thermic phase under participation of swampy waters (atacamite).

I. W. Perry

Mining and Metallurgical Inst., Kazakh

ASIAN METALLURGICAL LITERATURE CLASSIFICATION

SHEVCHENKO, Ye.V.

[Structural and petrographic features of some Permian plutonic rocks of central Kazakhstan] Strukturnye i petrograficheskie osobennosti nekotorykh permskikh platonov tsentral'nogo Kazakhstana. L'vov, Izd-vo L'vovskogo gos. univ., 1951. 262 p.

(MIRA 14:8)

(Kazakhstan—Rocks, Igneous)

SIPYCHENKO, V.P. V.

Geology, Structural--Permian

Structural peculiarities of some Permian formations of central Kazakhstan. (Reviewer: D. S. Belyakin.) Izv. AN SSR. Ser. geol., No. 6, 1951.

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED